

ALGOSASE[®] AT A GLANCE (INTRODUCTION)

AGILE SECURITY SOLUTION FOR DYNAMIC MESH

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WHY ALGOSASE - AN INNOVATIVE APPROACH

- Never as today the increasing moving of data and information due to digitalization and remote working request high protection to the integrity and the access of a system. Threats like data theft, alteration of the structure, impossibility of access, smarter attackers, for a company can mean risk to stop and block entire manufacturing process, workflow, good delivery, with high costs and losses at different levels.
- The Cloud Security Alliance (CSA) delineated new defensive strategies from aggression on the network with a new concept, called Software Defined Perimeter (SDP), based on the Zero Trust Network Access (ZTNA) , a security framework where access is continuously verified.
- Based on SDP/ZTNA concepts and exclusive capabilities like mesh network with Dynamic Overlay Control (DYNOC©, a patent pending Id #102023000017760 technology) with AlgoSASE® our aim is to enhance the way people connect, to deliver the most agile, safe, and efficient cybersecurity structure.
- **This is the reason why we designed AlgoSASE®.**

THE AGILE SECURITY SOLUTION

- The innovative cyber security strategy
 - AlgoSASE® is an application framework based on idea that no device or user can be trusted, regardless of whether they are inside or outside the network perimeter.
- A one-to-one relationship between user and the data to access
 - AlgoSASE® replaces centralized security controls with distributed software agents that operate under the control of the application manager and provide access to the application infrastructure only after identify verification. These agents create encrypted connections between requesting systems and application infrastructure, with a one-to-one relationship between them.
 - AlgoSASE® Iol
 - An all-in-one device that protects IoT devices providing micro-segmentation, isolation, alert and monitoring.

AlgoSASE® is the Agile Security Solution.

BENEFITS FOR CUSTOMERS

- Trought micro-segmentation AlgoSASE® removes implicit trust and implements micro-perimeter (SDP) preventing techniques of hacking, as lateral movement which can be possible with traditional VPNs.
- It's a SaaS solution (Software as a Service) accessible by client software agents and/or in version with its hardware client.; any apparatus can be connected via LAN/WAN to AlgoSASE®. (Windows, mac OS, Linux, iOS, Android etc..).
- Extremely easy installation, require no change to existing infrastructure.
- Replace traditional VPNs with a superior segmentation solutions in term of security, scalability, easy of installation, management and TCO (Total Cost of Ownership).
- Use modern encryption and communication protocols providing superior performance and security and integrate firewall with the granular access control (IP, ports, services)
- Strong identity control and integration with standard Identity and Access Management (IAM)
- SDK to build agent for a variety of Operating Systems and Hardware architectures.

ALGOSASE PLATFORMS

- Two Integrated Solutions:
 - AlgoSASE® IoT: an all-in-one device that protects IoT devices by providing microsegmentation, isolation, alert and monitoring
 - AlgoSASE® Remote Worker(*): an all-in-one device that provides remote/home users with microsegmentation and isolation replacing traditional VPN
 - All solutions are in the portable Go language for PC/Server Linux/Windows. Also available integrated into standard hardware network devices (OpenWRT, Linux, RutOS, etc.) to protect legacy targets.



(*):In advanced stages of development, expected by the end of 2024



THANKS FOR
YOUR
ATTENTION

